

Bioactive

IL17F (Human) Recombinant Protein

Catalog # P7155

Size 25 ug

Specification

Product Description	Human IL17F (Q96PD4, 31 a.a. - 163 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	RKIPKVGHTFFQKPESCPPVPGGSMKLDIGIINENQRVSMSRNIESRSTSPWNYTVTWDPNRYPSEVVQAQCRNLGCINAQGKEDISMNSVPIQQETLVVRRKHQGCVSFQLEKVLVTVGCTCVTPVIHHVQ
Host	Escherichia coli
Theoretical MW (kDa)	30.1
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The ED ₅₀ was determined by inducing IL-6 secretion of murine NIH/3T3 cell is < 20.0 ng/ml, corresponding to a specific activity of > 5.0 x 10 ⁴ IU/mg.
Storage Buffer	Lyophilized from 4 mM HCl up to 100 ug/ml
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — IL17F

Entrez GeneID [112744](#)**Protein Accession#** [Q96PD4](#)**Gene Name** IL17F**Gene Alias** IL-17F, ML-1, ML1**Gene Description** interleukin 17F**Omim ID** [606496](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The protein encoded by this gene is a cytokine that shares sequence similarity with IL17. This cytokine is expressed by activated T cells, and has been shown to stimulate the production of several other cytokines, including IL6, IL8, and CSF2/GM-CSF. This cytokine is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1. [provided by RefSeq]

Other Designations cytokine ML-1

Disease

- [Arthritis](#)
- [Asthma](#)
- [Behcet Syndrome](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Dyspepsia](#)
- [Edema](#)
- [Fatigue Syndrome](#)
- [Genetic Predisposition to Disease](#)

- [Helicobacter Infections](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Myocardial Infarction](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)